```
*  *  *  *  *  *  *  *  *     Welcome to STN International    *  *  *  *  *  *  *  *  *  *

NEWS   1              Web Page URLs for STN Seminar Schedule - N. America
NEWS   2     Apr 08   "Ask CAS" for self-help around the clock
NEWS   3     Apr 09   BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS   4     Apr 09   ZDB will be removed from STN
NEWS   5     Apr 19   US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS   6     Apr 22   Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS   7     Apr 22   BIOSIS Gene Names now available in TOXCENTER
NEWS   8     Apr 22   Federal Research in Progress (FEDRIP) now available
NEWS   9     Jun 03   New e-mail delivery for search results now available
NEWS 10     Jun 10   MEDLINE Reload
NEWS 11     Jun 10   PCTFULL has been reloaded
NEWS 12     Jul 02   FOREGE no longer contains STANDARDS file segment
NEWS 13     Jul 22   USAN to be reloaded July 28, 2002;
                     saved answer sets no longer valid
NEWS 14     Jul 29   Enhanced polymer searching in REGISTRY
NEWS 15     Jul 30   NETFIRST to be removed from STN
NEWS 16     Aug 08   CANCERLIT reload
NEWS 17     Aug 08   PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 18     Aug 08   NTIS has been reloaded and enhanced
NEWS 19     Aug 19   Aquatic Toxicity Information Retrieval (AQUIRE)
                     now available on STN
NEWS 20     Aug 19   IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21     Aug 19   The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22     Aug 26   Sequence searching in REGISTRY enhanced
NEWS 23     Sep 03   JAPIO has been reloaded and enhanced
NEWS 24     Sep 16   Experimental properties added to the REGISTRY file
NEWS 25     Sep 16   Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26     Sep 16   CA Section Thesaurus available in CAPLUS and CA
NEWS 27     Oct 01   CASREACT Enriched with Reactions from 1907 to 1985

NEWS EXPRESS    February 1 CURRENT WINDOWS VERSION IS V6.0d,
                CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
                AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS  HOURS     STN Operating Hours Plus Help Desk Availability
NEWS  INTER     General Internet Information
NEWS  LOGIN     Welcome Banner and News Items
NEWS  PHONE     Direct Dial and Telecommunication Network Access to STN
NEWS  WWW       CAS World Wide Web Site (general information)
```

Enter NEWS followed by the item number or name to see news on that
specific topic.

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*  *  *  *  *  *  *  *  *  *  *  *  * STN  Columbus  *  *  *  *  *  *  *  *  *  *  *  *  *  *  *
```

FILE 'HOME' ENTERED AT 16:26:15 ON 04 OCT 2002

=> **file reg**

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 16:26:30 ON 04 OCT 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

```
STRUCTURE FILE UPDATES:     3 OCT 2002   HIGHEST RN 459123-02-5
DICTIONARY FILE UPDATES:    3 OCT 2002   HIGHEST RN 459123-02-5
```

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

   Please note that search-term pricing does apply when
   conducting SmartSELECT searches.

Crossover limits have been increased.   See HELP CROSSOVER for details.

Experimental and calculated property data are now available.   See HELP
PROPERTIES for more information.   See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

```
=>
L1        STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1                  STR
```
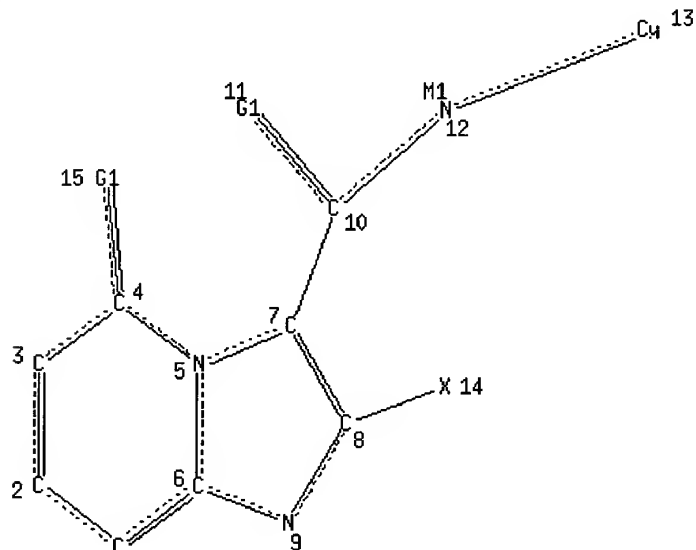
 0 16 S 17

Page 1-A

Page 1-B
 1
Page 2-B
VAR G1=16/17
NODE ATTRIBUTES:
```
HCOUNT   IS M1     AT    12
NSPEC    IS R      AT     1
NSPEC    IS R      AT     2
NSPEC    IS R      AT     3
NSPEC    IS R      AT     4
NSPEC    IS R      AT     5
NSPEC    IS R      AT     6
NSPEC    IS R      AT     7
```

```
NSPEC    IS R     AT   8
NSPEC    IS R     AT   9
NSPEC    IS C     AT  10
NSPEC    IS C     AT  11
NSPEC    IS C     AT  12
NSPEC    IS C     AT  13
NSPEC    IS C     AT  14
NSPEC    IS C     AT  15
DEFAULT MLEVEL IS ATOM
MLEVEL   IS CLASS  AT  10 12 14 16 17
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC I
NUMBER OF NODES IS  17

STEREO ATTRIBUTES: NONE


=> s l1
SAMPLE SEARCH INITIATED 16:31:18 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -      0 TO ITERATE

100.0% PROCESSED       0 ITERATIONS                      0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:            0 TO        0
PROJECTED ANSWERS:               0 TO        0

L2             0 SEA SSS SAM L1

=> s l1 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 139.90 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 16:31:34 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      0 TO ITERATE

100.0% PROCESSED       0 ITERATIONS                      0 ANSWERS
SEARCH TIME: 00.00.02

L3             0 SEA SSS FUL L1

=>
L4      STRUCTURE UPLOADED

=> d l4
L4 HAS NO ANSWERS
L4               STR
 0 15 S 16
Page 1-A
```
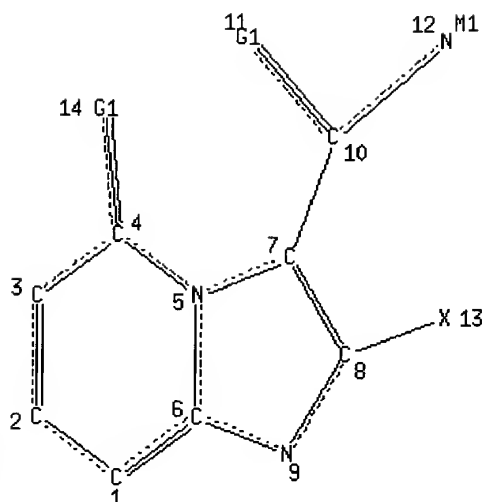
Page 1-B
VAR G1=15/16
NODE ATTRIBUTES:
HCOUNT   IS M1   AT   12
NSPEC   IS R   AT   1
NSPEC   IS R   AT   2
NSPEC   IS R   AT   3
NSPEC   IS R   AT   4
NSPEC   IS R   AT   5
NSPEC   IS R   AT   6
NSPEC   IS R   AT   7
NSPEC   IS R   AT   8
NSPEC   IS R   AT   9
NSPEC   IS C   AT   10
NSPEC   IS C   AT   11
NSPEC   IS C   AT   12
NSPEC   IS C   AT   13
NSPEC   IS C   AT   14
DEFAULT MLEVEL IS ATOM
MLEVEL   IS CLASS AT   10 12 13 15 16
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC I
NUMBER OF NODES IS   16

STEREO ATTRIBUTES: NONE

=> s 14
SAMPLE SEARCH INITIATED 16:32:14 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -   0 TO ITERATE

100.0% PROCESSED   0 ITERATIONS   0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE   **COMPLETE**
                         BATCH   **COMPLETE**
PROJECTED ITERATIONS: 0 TO   0
PROJECTED ANSWERS: 0 TO   0

L5   0 SEA SSS SAM L4

=> s 14 full
THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 139.90 U.S. DOLLARS
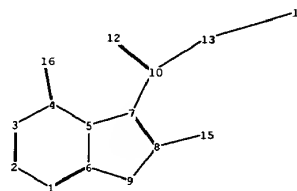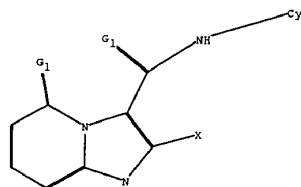
```
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 16:32:23 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -        0 TO ITERATE

100.0% PROCESSED        0 ITERATIONS                           0 ANSWERS
SEARCH TIME: 00.00.02

L6              0 SEA SSS FUL L4

    =>
```

chain nodes :
    10   12   13   14   15   16
ring nodes :
    1   2   3   4   5   6   7   8   9
chain bonds :
    4-16   7-10   8-15   10-12   10-13   13-14
ring bonds :
    1-2   1-6   2-3   3-4   4-5   5-6   5-7   6-9   7-8   8-9
exact/norm bonds :
    1-2   1-6   2-3   3-4   4-5   4-16   5-6   5-7   6-9   8-9   10-12   10-13   13-14
exact bonds :
    7-8   7-10   8-15
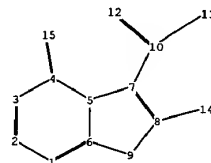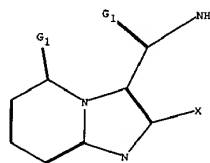isolated ring systems :
    containing 1 :

G1:O,S

Match level :
    1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
    12:CLASS 13:CLASS 14:Atom 15:CLASS 16:CLASS

chain nodes :
    10   12   13   14   15
ring nodes :
    1   2   3   4   5   6   7   8   9
chain bonds :
    4-15   7-10   8-14   10-12   10-13
ring bonds :
    1-2   1-6   2-3   3-4   4-5   5-6   5-7   6-9   7-8   8-9
exact/norm bonds :
    1-2   1-6   2-3   3-4   4-5   4-15   5-6   5-7   6-9   8-9   10-12   10-13
exact bonds :
    7-8   7-10   8-14
isolated ring systems :
    containing 1 :

G1:O,S

Match level :
    1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom   10:CLASS
    12:CLASS   13:CLASS   14:CLASS   15:CLASS